



PATENT

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Applicant : Wilf LeBlanc, et al.  
Application No. : 09/533,022  
Filed : March 22, 2000  
Title : VOICE AND DATA EXCHANGE OVER A PACKET  
BASED NETWORK WITH ECHO CANCELLATION  
Grp./Div. : 2739  
Examiner : To be assigned  
Docket No. : 36791/CAG/B600

INFORMATION DISCLOSURE STATEMENT  
37 CFR § 1.97(b)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Post Office Box 7068  
Pasadena, CA 91109-7068  
September 6, 2000

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO-1449 listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO-1449 be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

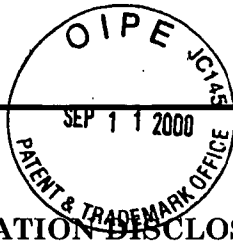
Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By *Craig A. Gelfound*  
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626/795-9900

CAG/ej  
Enclosures: PTO-1449, w/references

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.J./



## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	36791/CAG
Application Number	09/533,022
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Applicant(s)	Wilf LeBlanc, et al.
Group Art Unit	2739
Examiner Name	To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,598,468	01/1997	Ammicht et al.	379	410	
	5,329,587	07/1994	Morgan et al.	379	410	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS

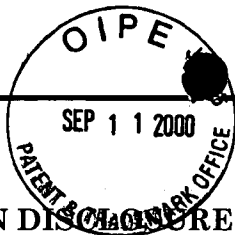
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	MAN MOHAN SONDDHI and DAVID A. BERKLEY, Silencing Echoes on the Telephone Network, Proceedings of the IEEE, August 1980, pages 948-963, Vol. 68, No. 8
	DENNIS R. MORGAN and JAMES C. THI, A Delayless Subband Adaptive Filter Architecture, IEEE Transactions on Signal Processing, August 1995, pages 1819-1830, Vol. 43, No. 8
	DENNIS R. MORGAN and JAMES THI, A Multitone Pseudocascade Filtered-X LMS Adaptive Notch Filter, IEEE Transactions on Signal Processing, February 1993, pages 946-960, Vol. 41, No. 2
	DENNIS R. MORGAN and JAMES THI, A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter, Digital Signal Processing, pages 2090-2096, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada
	JAMES THI and DENNIS R. MORGAN, A Broadband Pseudo-Cascade Active Control System, Speech Processing 2 Audio Neural Networks Underwater Acoustics, pages II-232-II-236, ICASSP-92, Vol. 2, S <sub>2</sub> ANU, March 1992, San Francisco, California

EXAMINER SIGNATURE	/Alexander Jamal/	DATE CONSIDERED	01/21/2010
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FORM PTO-1449



INFORMATION DISCLOSURE

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(use as many sheets as necessary)

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## OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER  
SIGNATURE

/Alexander Jamal/

DATE  
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